**AP Biology Mini-Poster Lab Grade Sheet** (50 pts)

**Title:** (2 pts.)

\_\_\_\_\_\_\_\_ Listing of Authors present; Descriptive title referring to experiment

**Question:**  (3 pts.)

\_\_\_\_\_\_\_\_ Question is focused and answerable.

**Variables:**  (5 pts.)

\_\_\_\_\_\_\_\_ Correctly identifies specific, measurable independent and dependent variables.

**Hypothesis:** (5 pts.)

\_\_\_\_\_\_\_\_ Clearly states Hypothesis explaining why the result is expected using biological knowledge. Uses If/Then format in hypothesis statement.

**Methodology:** (5 pts.)

\_\_\_\_\_\_\_\_ Materials used in the experiment are clearly listed and quantified. Gives clear description of methods for the investigation. Easy to follow and reproducible by another person.

**Results:** (10 pts.)

\_\_\_\_\_\_\_\_ Data table with accurate raw and summary data reported in correct SI units. Titles and labels needed. Graphs are titled and labeled with appropriate units. Easy to read; Use of keys when needed.

**Conclusion:** (10 pts.)

\_\_\_\_\_\_\_\_ Scientifically valid and logically written. Clearly addresses question and stated hypothesis. Well supported by the data collected.

**Error Analysis:**  (5pts.)

\_\_\_\_\_\_\_\_ Discuss possible errors that may have affected results and suggests ways to alleviate errors in future experiments.

**Prelab Stamped Copies:** (5 pts.) - This will be deducted individually for those who didn’t complete it.

**Total Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**